## Zenoss Foglight Agent

Custom Integrations





## Why Zenoss from LightSpeed PM?

Foglight requires custom services to integrate with Zenoss. Without our custom cartridge these steps must be taken:

- Custom Event Driven Rule
  - Command Invocation
  - Actions
- Extensive Groovy Scripting for more control over sent events and other important metrics
- Defining Zenoss Fields in Foglight

# Zenoss Integration With LightSpeed PM's Custom Cartridge

Advanced Rich UI for All Functionalities

#### Customizable REST invocation Support

- Create/Update tickets
- Ability to export data
- Flexible parameter definitions
- Auto Annotate Alarms with returned information

Customizable Command Line Invocation Support

Remote
Administration of solution across servers

Decision Engine for total / precise control

- 20 levels of granularity
- Severity Level control



#### Zenoss – Highlights

Pattern Editor allows easy access to information related to the alarm

- No Groovy required
- Access to dozens of fields to easily provide values to parameters
- A dozen common operators available to easily avoid any coding

Use of Groovy scripts for power users

- Use of Groovy scripting with complete injected flow context
- Ability to reject/delay ticket generation

Persisted Queue so no events are lost

- Guaranteed delivery
- Keep history for rejected, failed and successful operations for total control
- Pause or delay control
- Consumer Thread settings/control to manage concurrency and volume

#### Zenoss Integration – Alarming Features

Auto Acknowledge Alarms

**Alarm Flood Prevention** 

#### **Alarm Transition Support**

Can be Turned ON or OFF

Update tickets when alarm is transitioning from one severity to another.

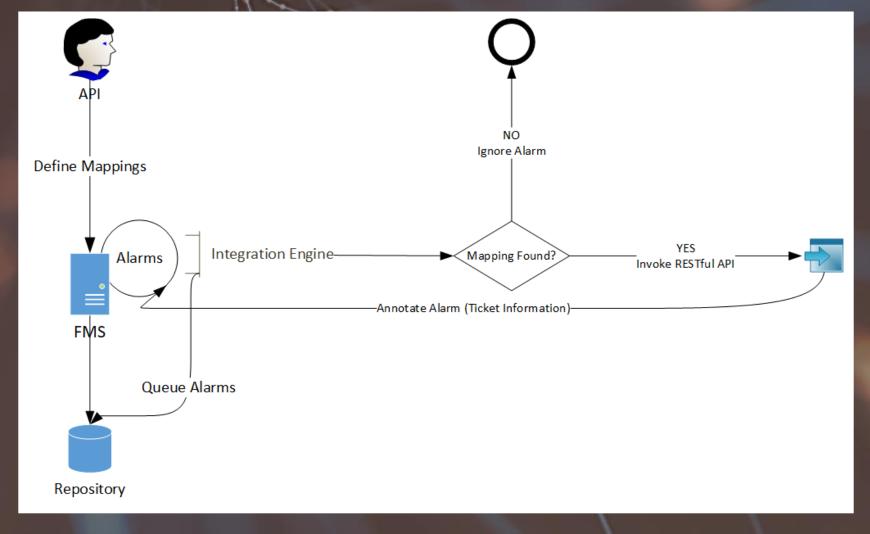
Can be either to higher severity only or any transition

Close ticket only when the last alarm in transition has been cleared

All transition information is accessible from the Pattern Editor

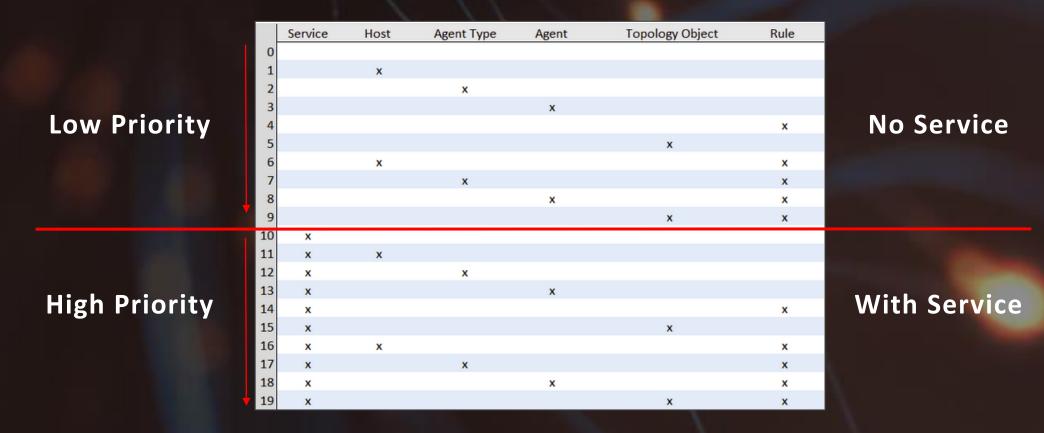


## Zenoss Integration – RESTful API Flow

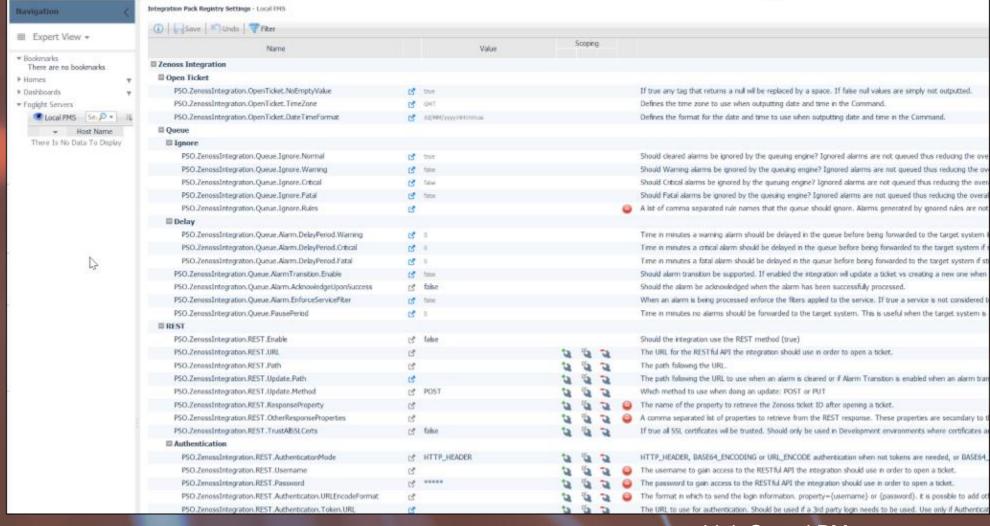


#### Zenoss Integration – Decision Engine

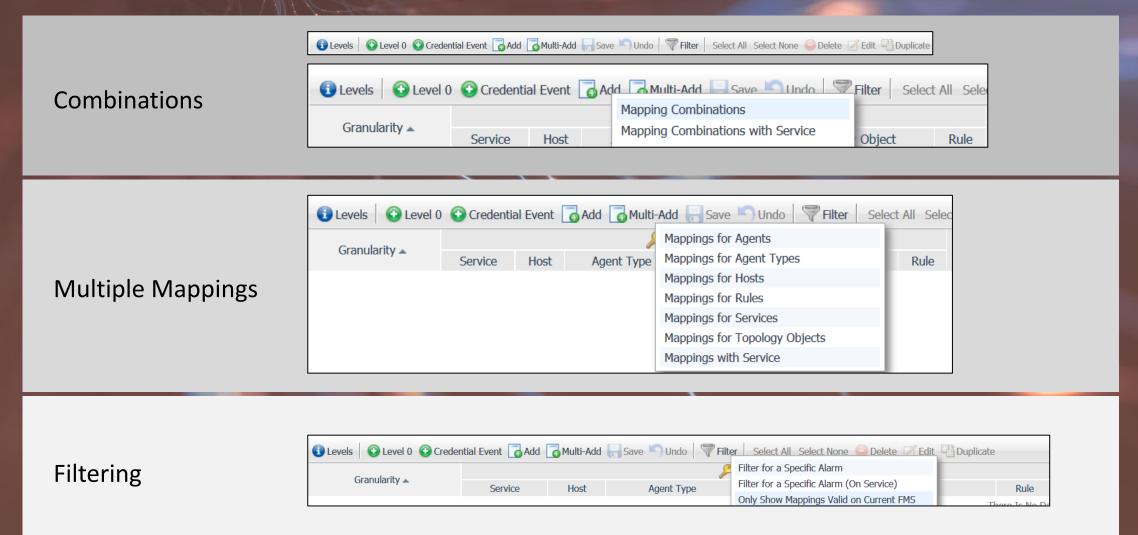
A rich UI within the solution presents the various mappings produced by the decision engine



### Zenoss Integration – Changing Settings



#### Zenoss Integration – Mappings Editor





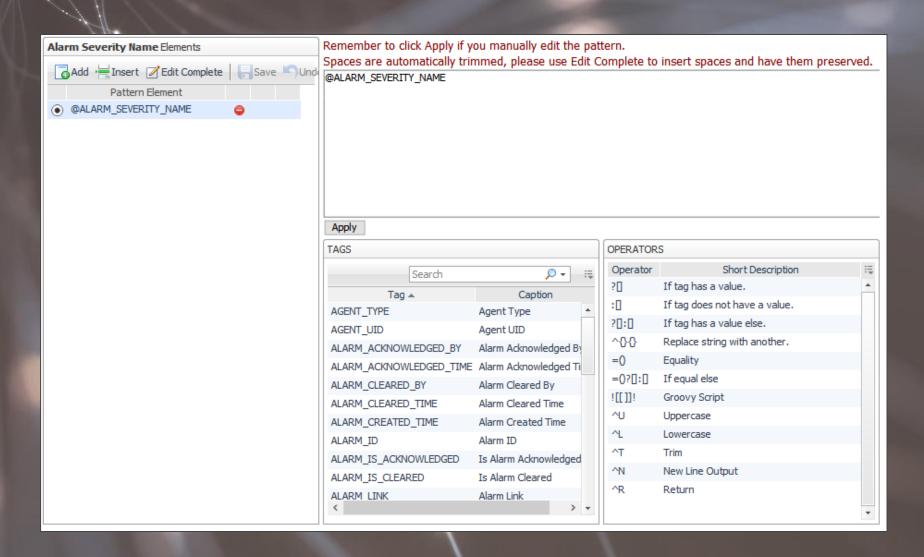
## Zenoss Integration

Field Editor



## Zenoss Integration

Pattern Editor



## Zenoss Integration

System Requirements



Minimum required FMS version

5.9.3



Supported MS SQL 2008

v 10.0.1600 or later

Database Oracle 9i R2

Minimum MySQL 5.1.45

Version PostgreSQL 9.4.0





# Performance Monitoring customized to your unique environment

Ten plus years of providing Professional Services to Quest customers revealed these enhancements to be most requested modifications.

Let us take Foglight's out of the box capabilities and enhance for your unique environment.

Contact: <u>Sales@LightSpeedPM.com</u>

